What is claimed is :

1.   A method of updating a program in a terminal device, wherein if a transmission of update data from a base station to a terminal device is interrupted due to any disconnection between them, then after it is verified that the terminal device becomes connected to the base station, said transmission process is re-started for remaining parts of the update data.

2.   The method as claimed in claim 1, wherein said update data are divided into a plurality of data sets by said base station and said plural data sets are added with sequential pointers respectively.

3.   The method as claimed in claim 2, wherein after one with a next pointer for said remaining data set is confirmed, then the data set with the next pointer is first transmitted during said re-transmission processes.

4.   The method as claimed in claim 1, wherein after all of said update data are transmitted, then an operation test is automatically started.

5.   The method as claimed in claim 3, wherein if updated program includes any defectiveness, said updated program is re-written into said program existent in said mobile terminal.

6.   A terminal device including :

a receiving unit for receiving update data transmitted ;

an updating unit for receiving said update data and updating an existent program with said update data ; and

a re-starting unit for re-starting transmission process of
5 remaining non-transmitted parts of the update data, after it is verified that the terminal device becomes connected to the base station, if a transmission of update data from a base station to a terminal device is interrupted due to any disconnection between them.

10 7.   The device as claimed in claim 6, further comprising :

an additional unit for transmitting said remaining data sets with reference to pointers added to said data sets.

8.   The device as claimed in claim 6, wherein after all of said
15 update data are transmitted, then an operation test is automatically started.

9.   The device as claimed in claim 8, further including a re-writing unit for re-writing said updated program into said program existent in said mobile terminal.

20